Application Serial No: 10/679,686   Attorney Docket No. 83996
In reply to Office Action of 21 January 2005

AMENDMENT TO THE ABSTRACT

Amend the Abstract of the Disclosure on page 44, as

follows:

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In reply to Office Action of 21 January 2005

DETECTION OF RANDOMNESS IN SPARSE DATA SET OF ... N ... INCOMNESS I

THREE DIMENSIONAL TIME SERIES DISTRIBUTIONS

ABSTRACT OF THE DISCLOSURE

A two-stage method is provided for automatically characterizing the spatial arrangement among data points of a three-dimensional time series distribution in a data processing system wherein the classification of ~~said~~ this time series distribution is required. The invention utilizes two-stage method Cartesian grids to determine (1) the number of cubes in the grids containing at least one input data point of the time series distribution; (2) the expected number of cubes which would contain at least one data point in a statistically determined random distribution in ~~said~~ these grids; and (3) an upper and lower probability of false alarm above and below ~~said~~ this expected value utilizing a second discrete probability relationship in order to analyze the randomness characteristic of the input time series distribution.